

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002279.D
 Acq On : 08 Aug 2015 16:25
 Operator : TP/UM
 Sample : G3161-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C60

Quant Time: Aug 09 05:34:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 05:31:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	235885	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1177214	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	630422	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1264025	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1152675	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	938929	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.20	160	889493	13.62	ng/ul	0.00
10) Fluorene-d10	16.47	176	575666	12.67	ng/ul	0.00
14) Anthracene-d10	18.30	188	789525	12.87	ng/ul	0.00
18) Pyrene-d10	20.52	212	761473	13.62	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	533406	10.70	ng/ul	0.00

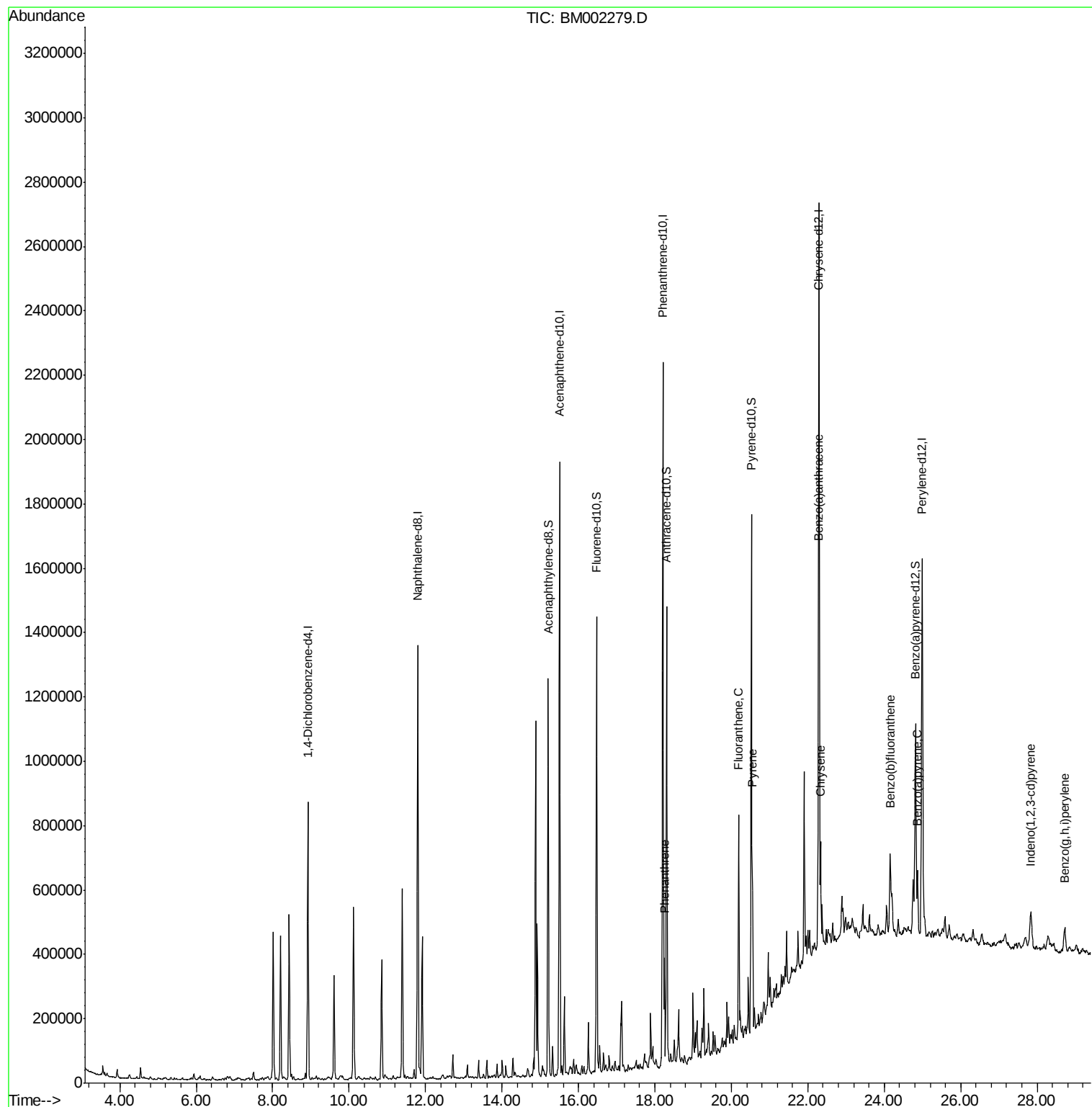
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.25	178	197284	2.71	ng/ul	100
16) Fluoranthene	20.19	202	395077	4.90	ng/ul	98
19) Pyrene	20.55	202	346945	4.66	ng/ul	98
20) Benzo(a)anthracene	22.27	228	177809	2.53	ng/ul	98
21) Chrysene	22.33	228	192471	2.89	ng/ul	96
23) Benzo(b)fluoranthene	24.16	252	241370	4.14	ng/ul	98
26) Benzo(a)pyrene	24.87	252	152546	2.73	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.83	276	110089	1.72	ng/ul	94
29) Benzo(g,h,i)perylene	28.72	276	101617	1.88	ng/ul	96

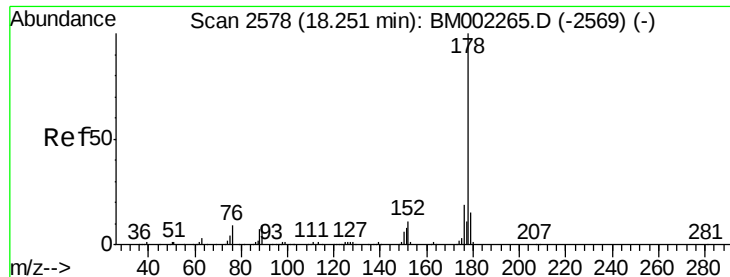
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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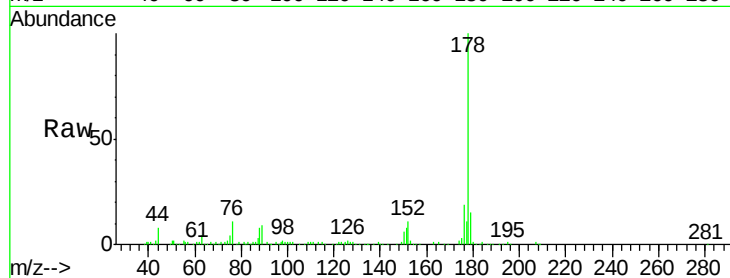




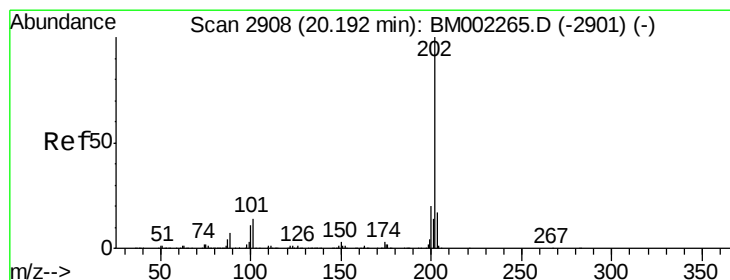
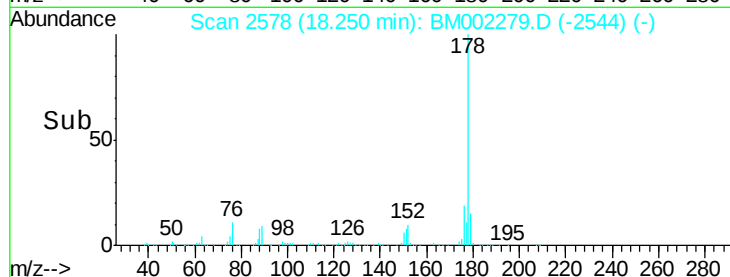
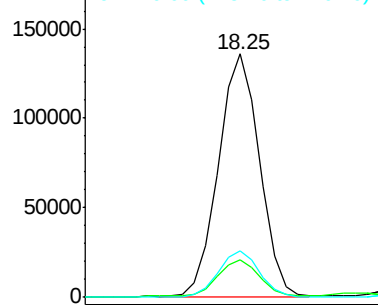
#13
Phenanthrene
Concen: 2.71 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BM002279.D
Acq: 08 Aug 2015 16:25

Instrument :
BNA_M
ClientSampleId :
D9C60

Tgt Ion:178 Resp: 197284
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.0 15.3 22.9

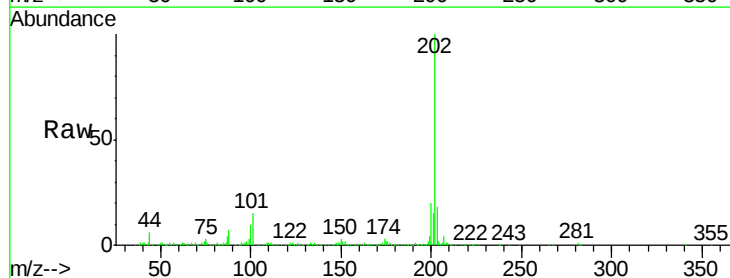


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

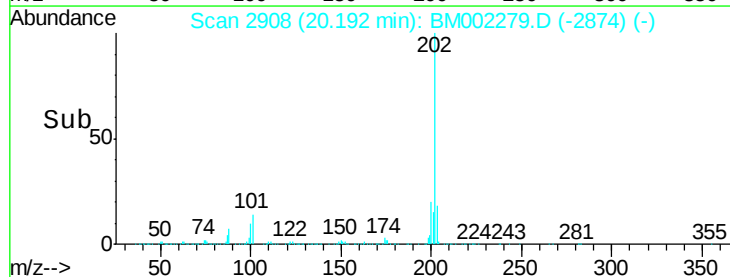
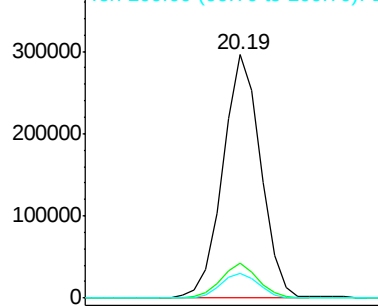


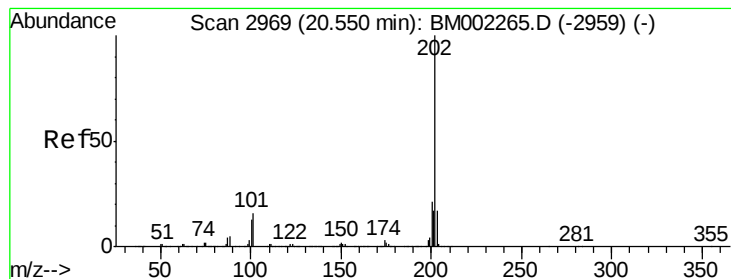
#16
Fluoranthene
Concen: 4.90 ng/ul
RT: 20.19 min Scan# 2908
Delta R.T. -0.00 min
Lab File: BM002279.D
Acq: 08 Aug 2015 16:25

Tgt Ion:202 Resp: 395077
Ion Ratio Lower Upper
202 100
101 14.6 10.6 15.8
100 10.3 8.2 12.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

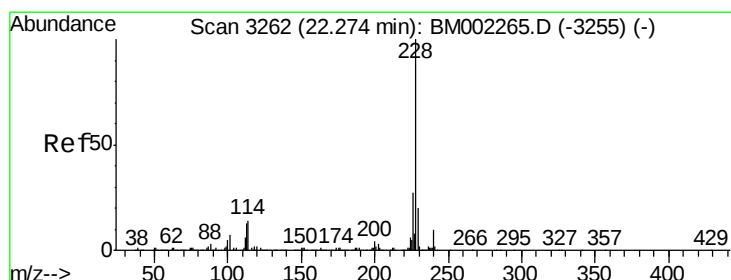
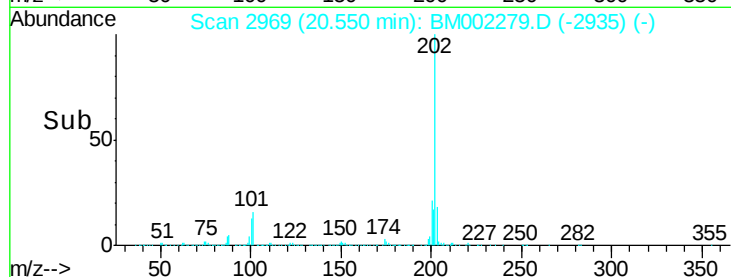
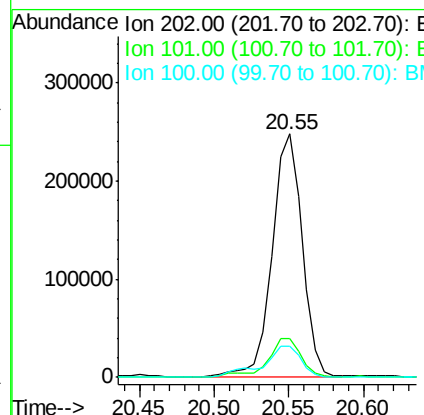
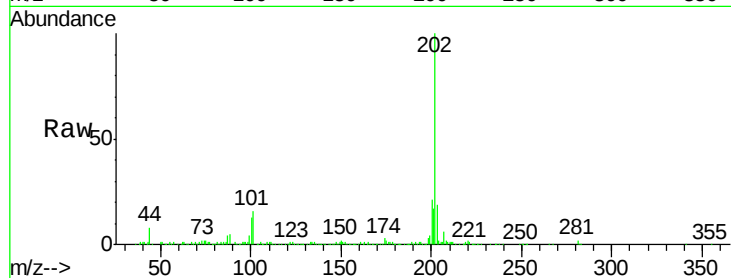




#19
 Pyrene
 Concen: 4.66 ng/ul
 RT: 20.55 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BM002279.D
 Acq: 08 Aug 2015 16:25

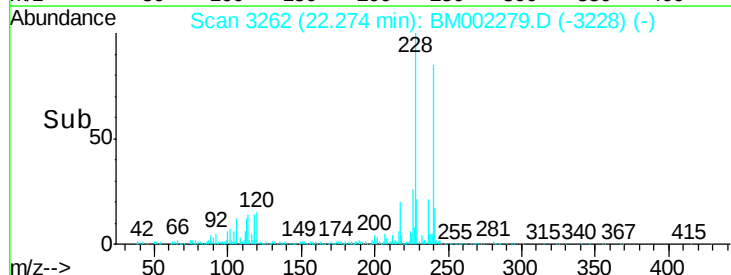
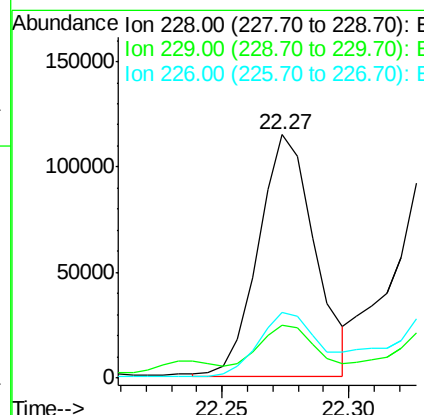
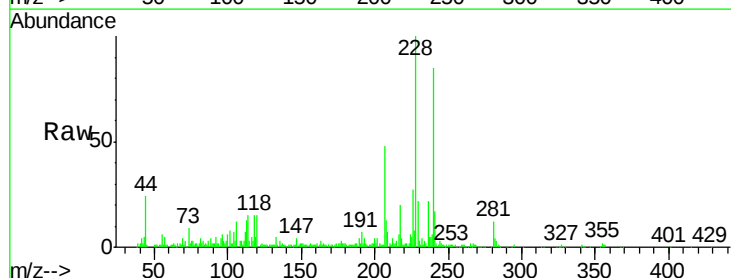
Instrument :
 BNA_M
 ClientSampleId :
 D9C60

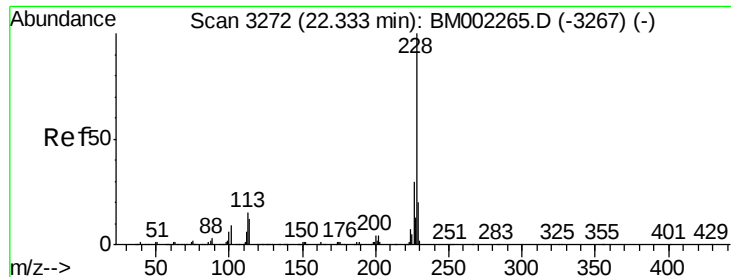
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	13.0	19.6
100	12.8	11.0	16.4



#20
 Benzo(a)anthracene
 Concen: 2.53 ng/ul
 RT: 22.27 min Scan# 3262
 Delta R.T. -0.00 min
 Lab File: BM002279.D
 Acq: 08 Aug 2015 16:25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.7	23.5
226	26.8	21.4	32.0





#21

Chrysene

Concen: 2.89 ng/ul

RT: 22.33 min Scan# 3272

Delta R.T. -0.00 min

Lab File: BM002279.D

Acq: 08 Aug 2015 16:25

Instrument :

BNA_M

ClientSampleId :

D9C60

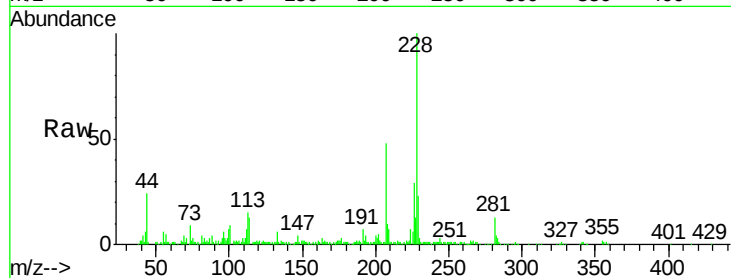
Tgt Ion:228 Resp: 192471

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.0

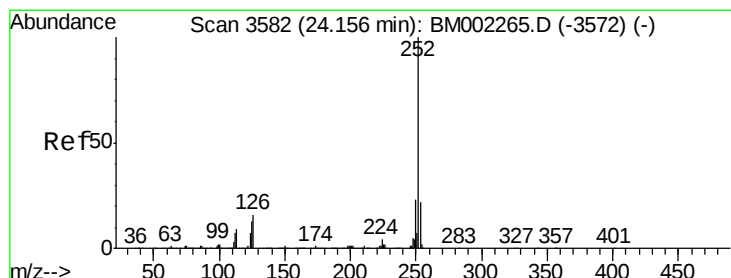
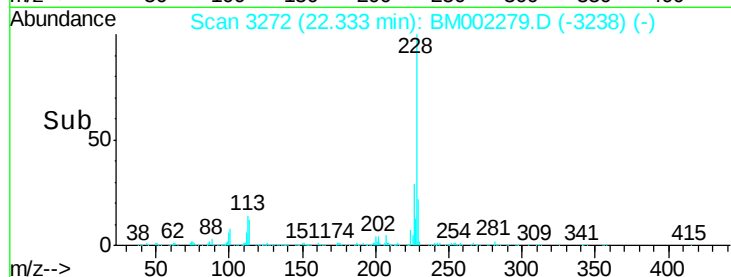
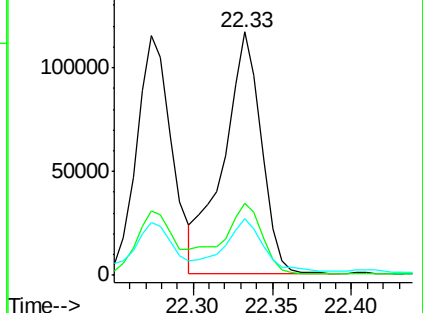
229 23.2 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 4.14 ng/ul

RT: 24.16 min Scan# 3582

Delta R.T. -0.00 min

Lab File: BM002279.D

Acq: 08 Aug 2015 16:25

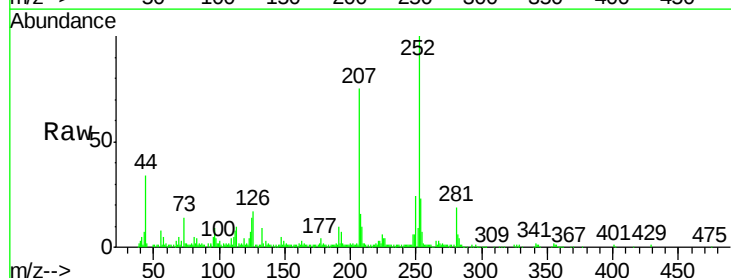
Tgt Ion:252 Resp: 241370

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

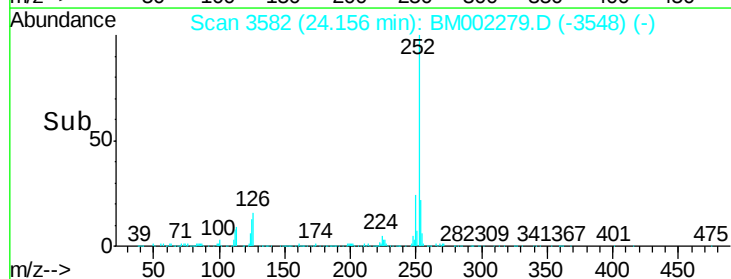
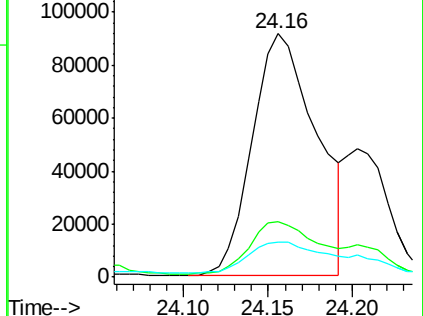
125 14.3 10.3 15.5

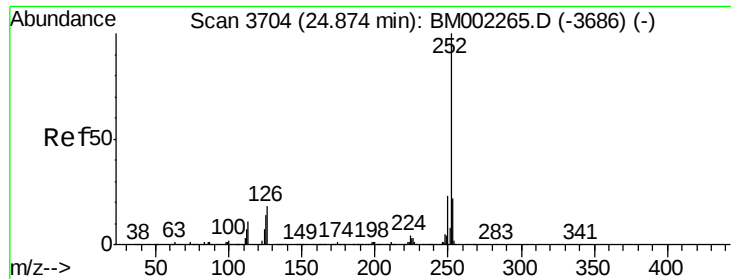


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 2.73 ng/ul

RT: 24.87 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BM002279.D

Acq: 08 Aug 2015 16:25

Instrument :

BNA_M

ClientSampleId :

D9C60

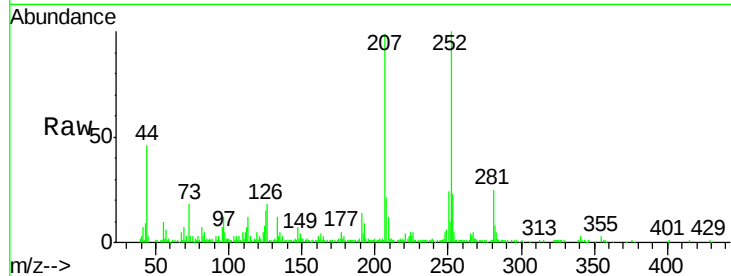
Tgt Ion:252 Resp: 152546

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

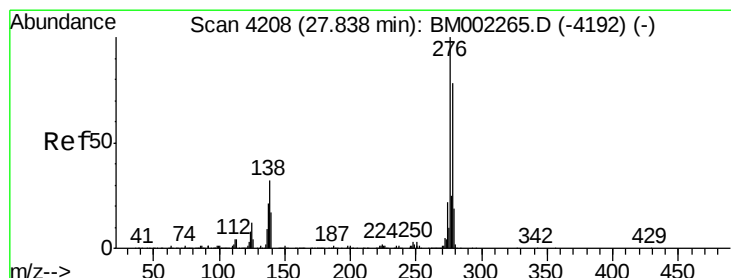
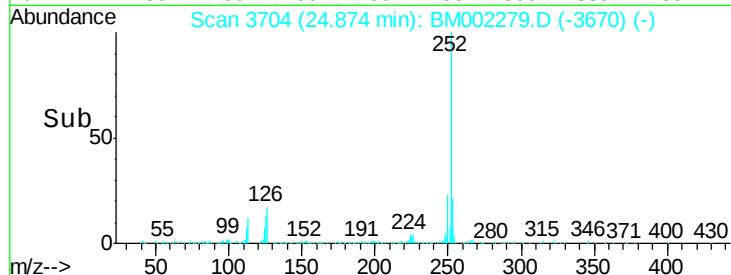
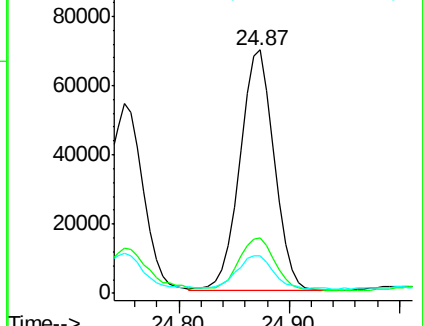
125 15.2 11.0 16.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.72 ng/ul

RT: 27.83 min Scan# 4207

Delta R.T. -0.01 min

Lab File: BM002279.D

Acq: 08 Aug 2015 16:25

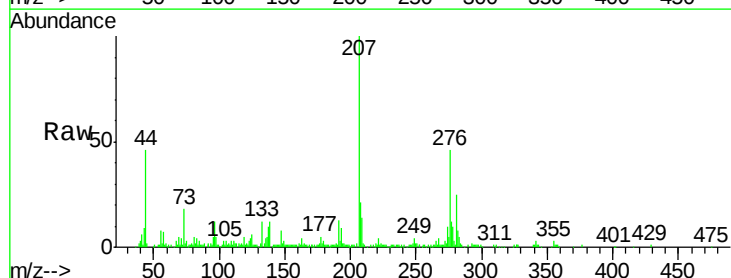
Tgt Ion:276 Resp: 110089

Ion Ratio Lower Upper

276 100

138 25.9 25.6 38.4

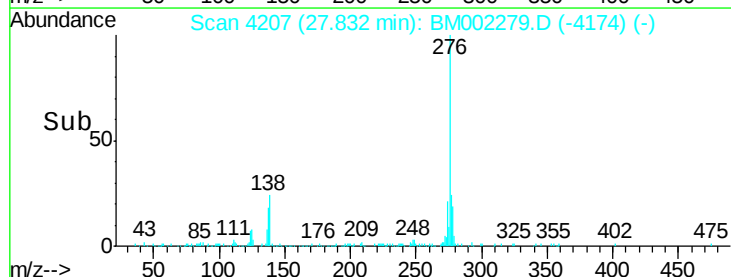
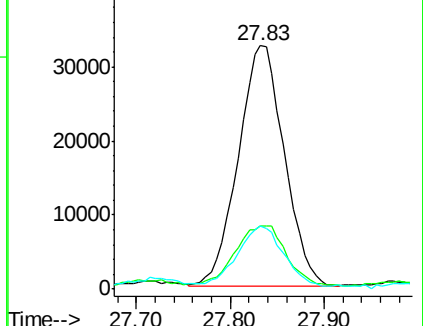
277 26.0 21.0 31.4

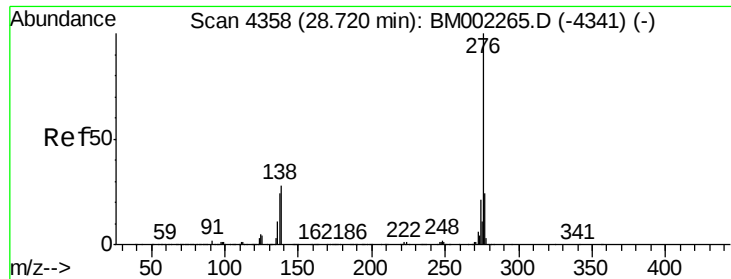


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(g,h,i)perylene

Concen: 1.88 ng/ul

RT: 28.72 min Scan# 4358

Delta R.T. -0.00 min

Lab File: BM002279.D

Acq: 08 Aug 2015 16:25

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ClientSampleId :

D9C60

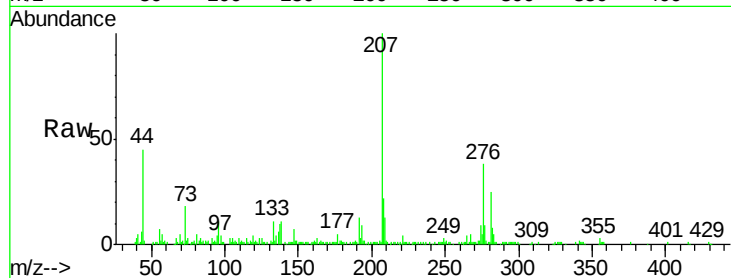
Tgt Ion: 276 Resp: 101617

Ion Ratio Lower Upper

276 100

138 28.6 20.5 30.7

277 24.5 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

